

Gothenburg EU Summit 2001

Resolution adopted by EU
Heads of State :

*“by 2008... ... to develop a
European capacity for Global
Monitoring of Environment and
Security”*



**European
Commission**

**European
Space
Agency**

**EUMETSAT
EEA**

**European and national
user agencies**

**European and national
space organisations**

Industry

**R&D institutions
and other partners**

**GMES partners and
stakeholders**

**EU & ESA Member States
Demand and Supply side**

Future space technologies needed for GMES

- Provision of high resolution (optical) and high resolution interferometric and wide-swath Scansar (radar) imagery for local applications, but deployable globally (natural hazards, aid, security)
- Provision of medium resolution optical systems, altimeters & radiometers for regional & global monitoring of land and ocean surfaces
- Development of advanced instruments for determination of atmospheric composition
- Telecoms capabilities for data collection & dissemination

GMES - Time schedule

- | | |
|----------------|---|
| 1998 | GMES is initiated in Baveno, Italy |
| 2001 | GMES put on Ministerial agenda by French EU Presidency |
| 2003 | European White Paper on Space (Galileo, GMES, Digital Divide, Technology, Science) |
| • | GMES Implementation Plan |
| 2008 | “European GMES capacity” developed, operational services start, others will be added |
| 2012-15 | GMES full capacity |